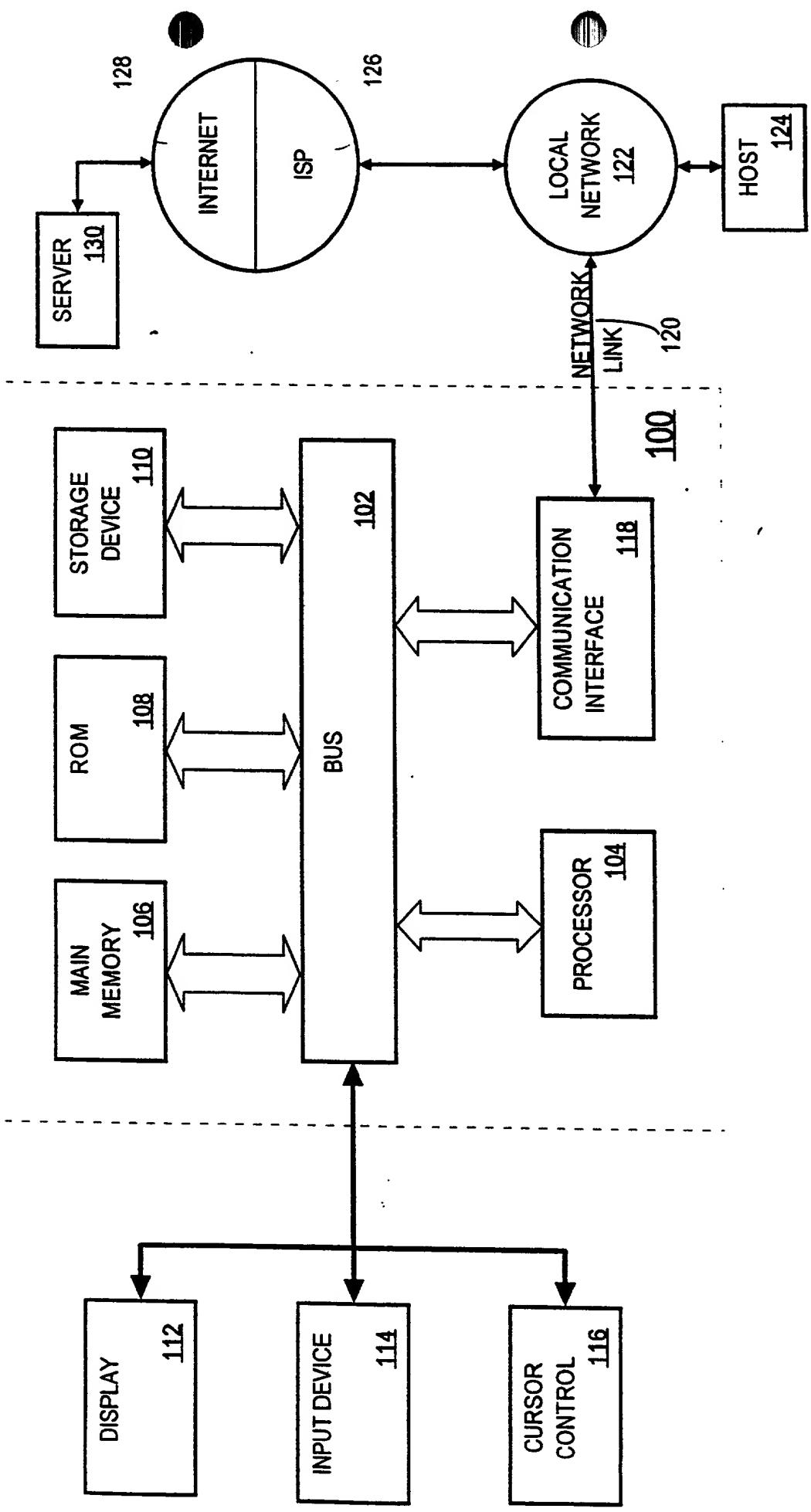


**FIG. 1**



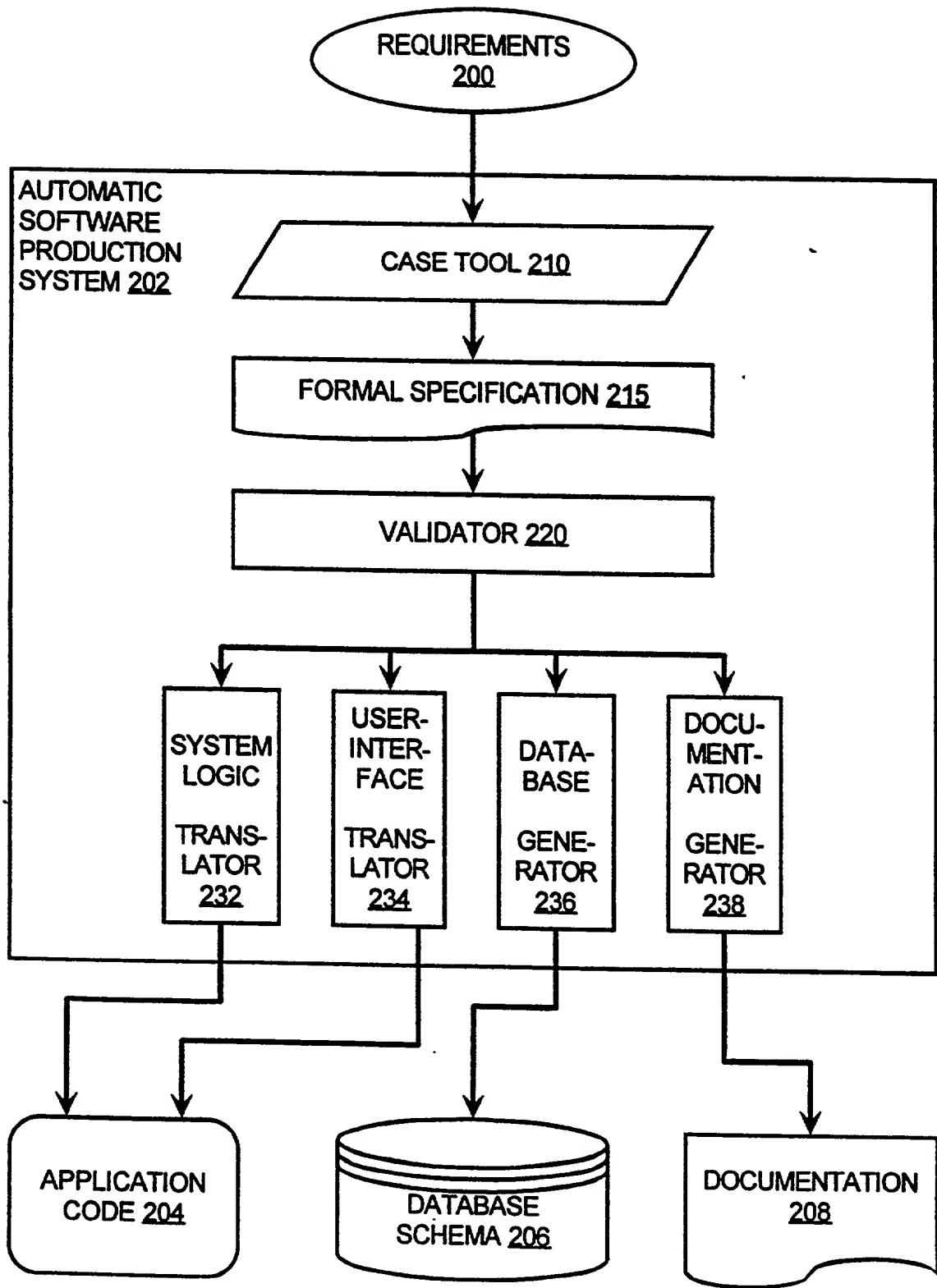


FIG. 2

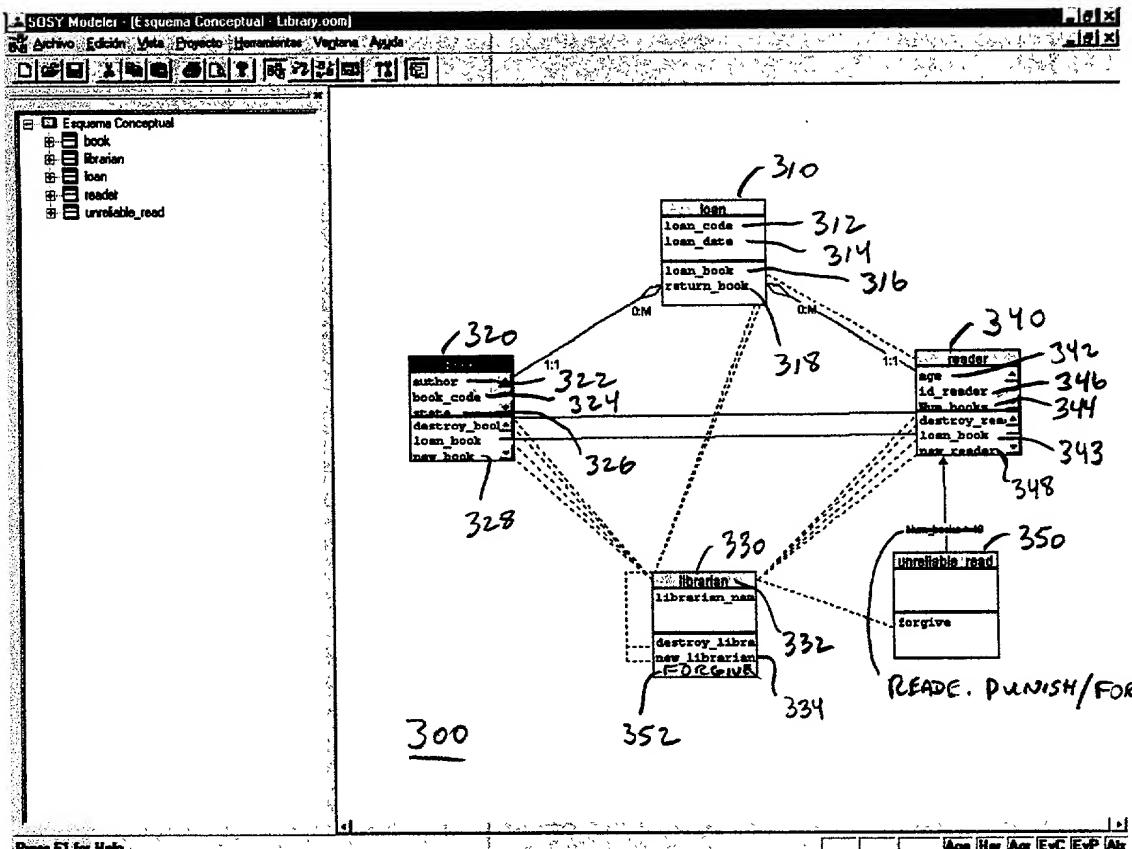


FIG. 3

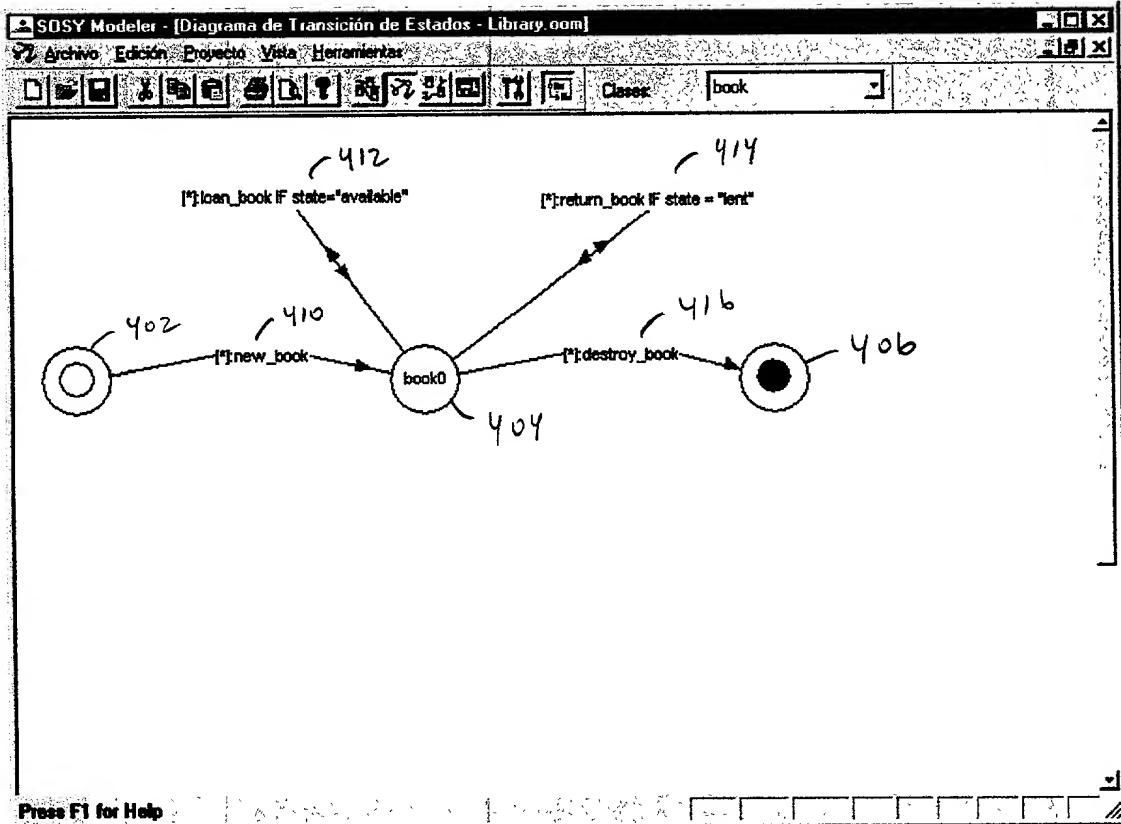


FIG. 4 A

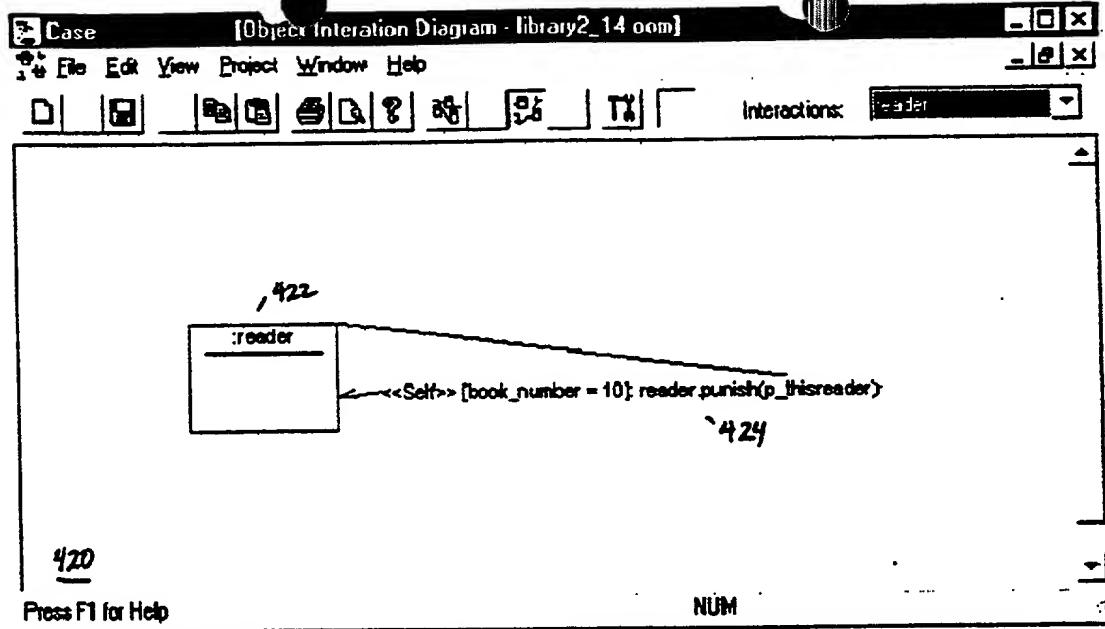


FIG. 4

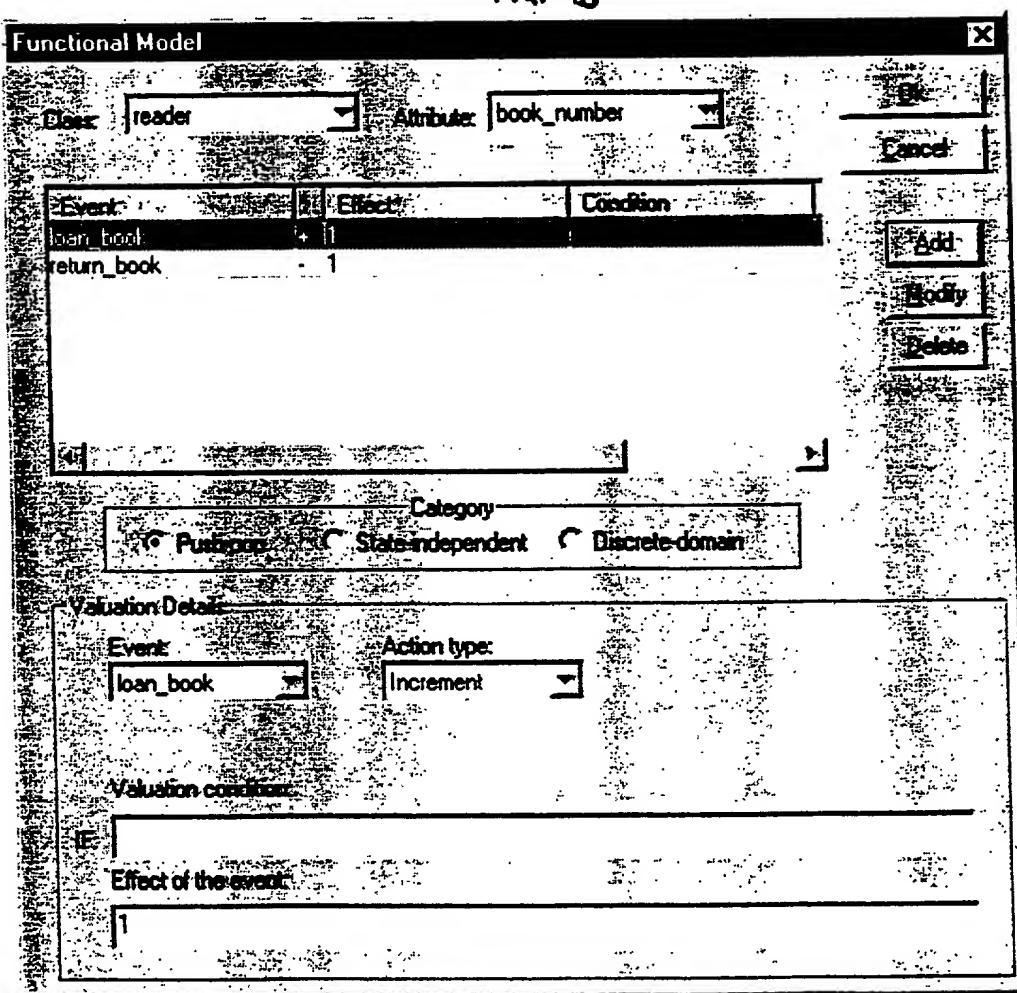


FIG. 5

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES OF SYSTEM LOGIC TRANSLATORS WILL PERFORM

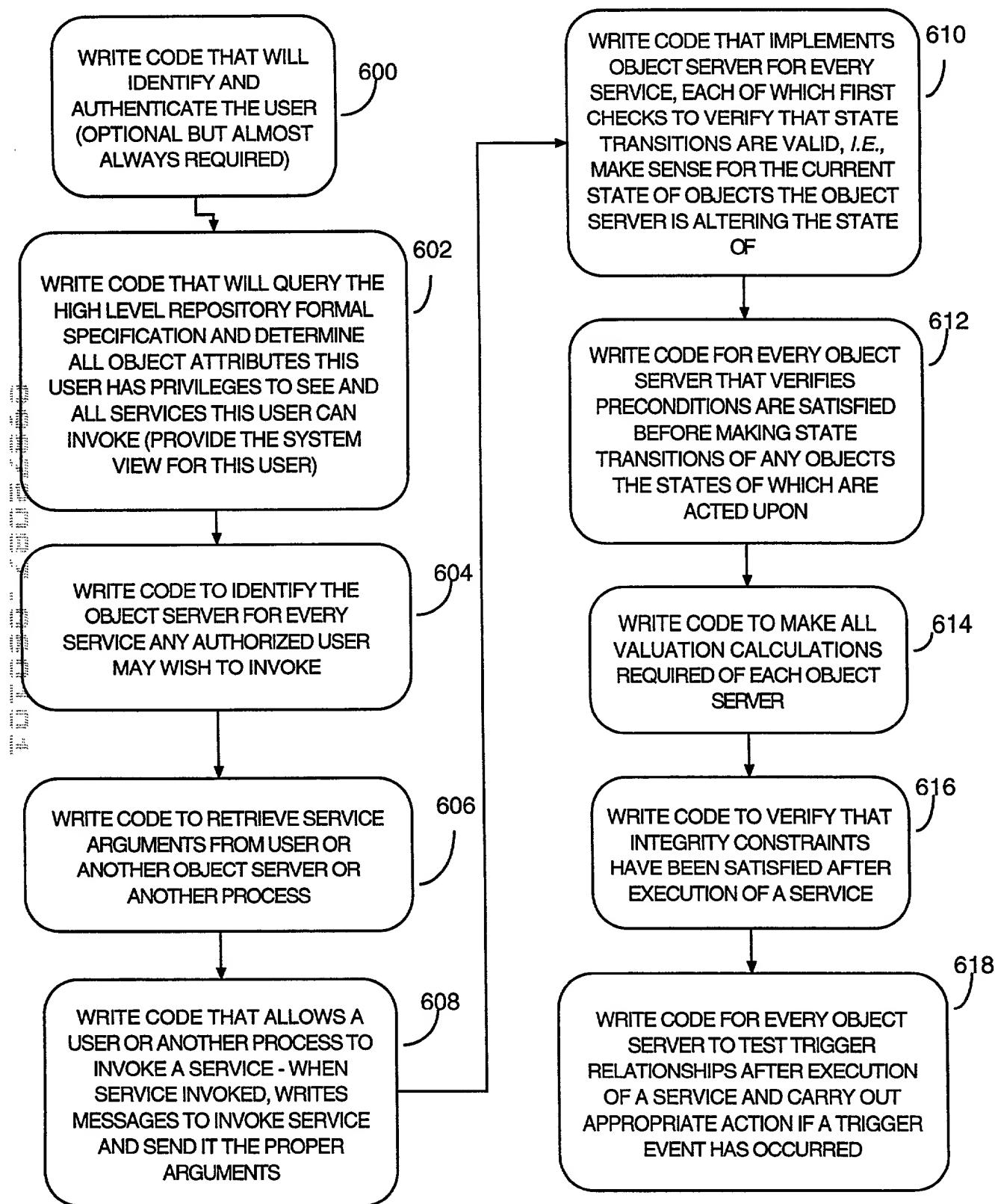


FIG. 6

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES IN THE USER INTERFACE TRANSLATOR SUBGENUS WILL PERFORM

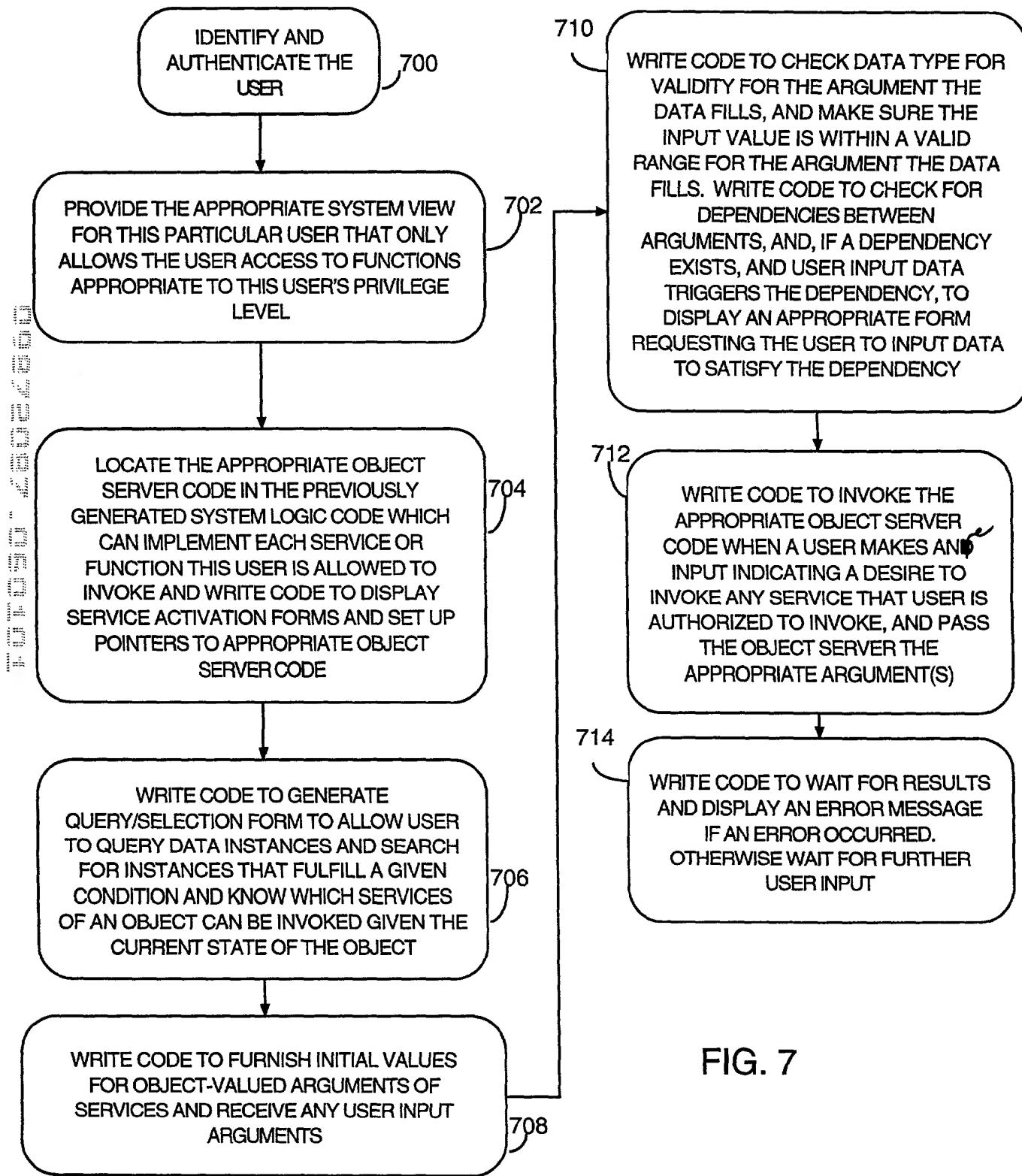


FIG. 7

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES IN THE DATABASE GENERATOR  
TRANSLATOR SUBGENUS WILL PERFORM

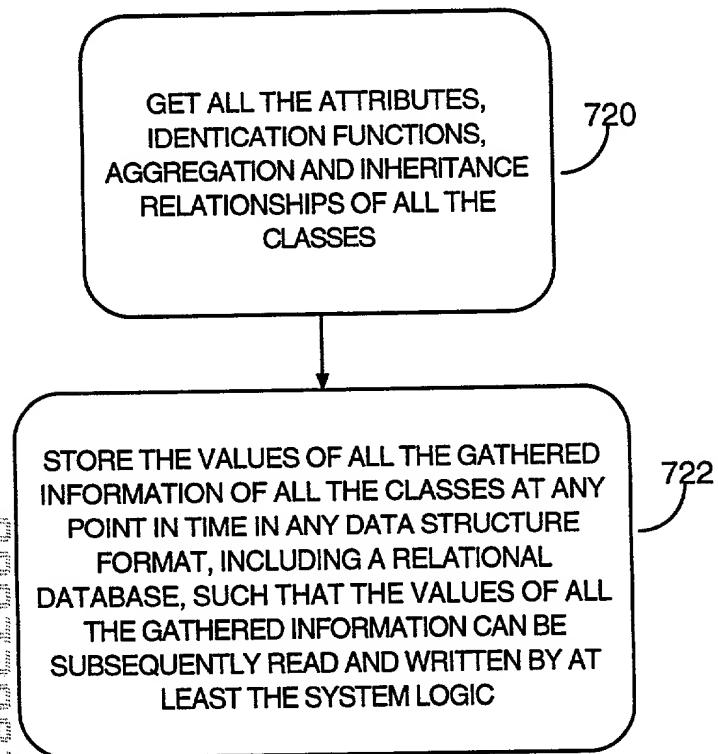
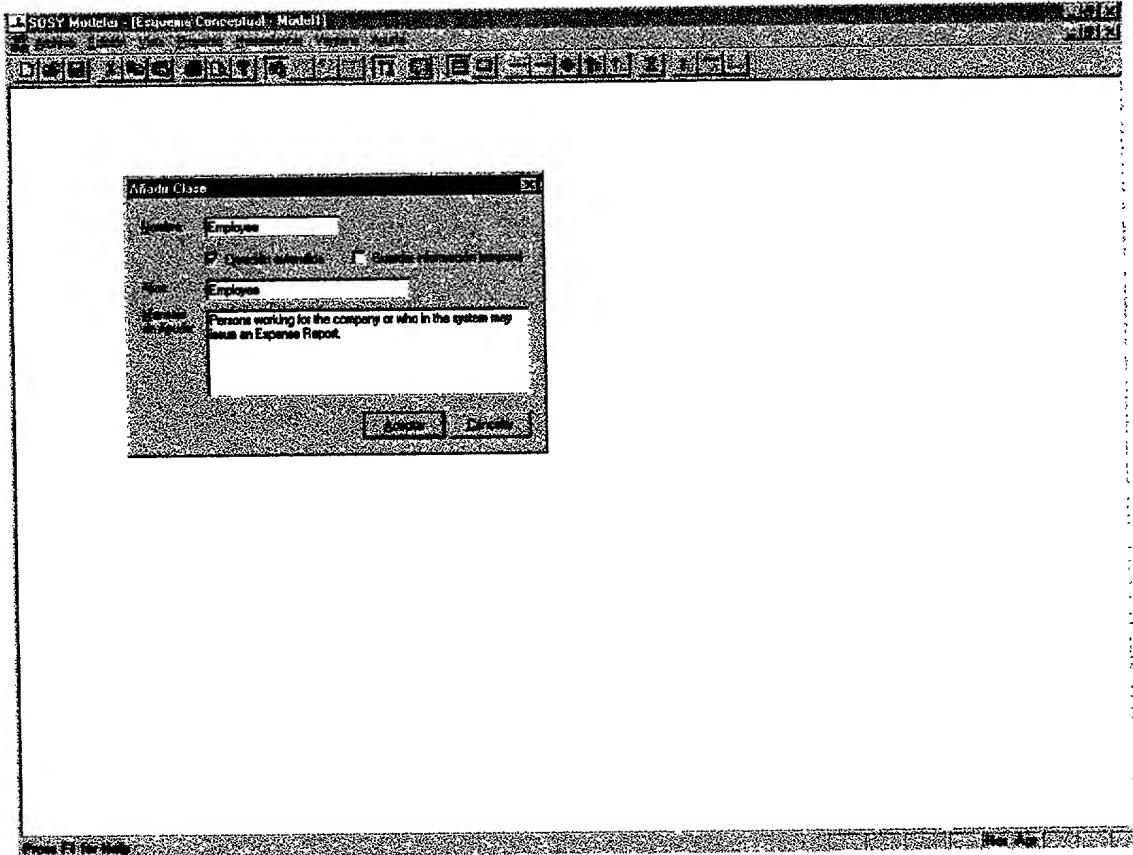
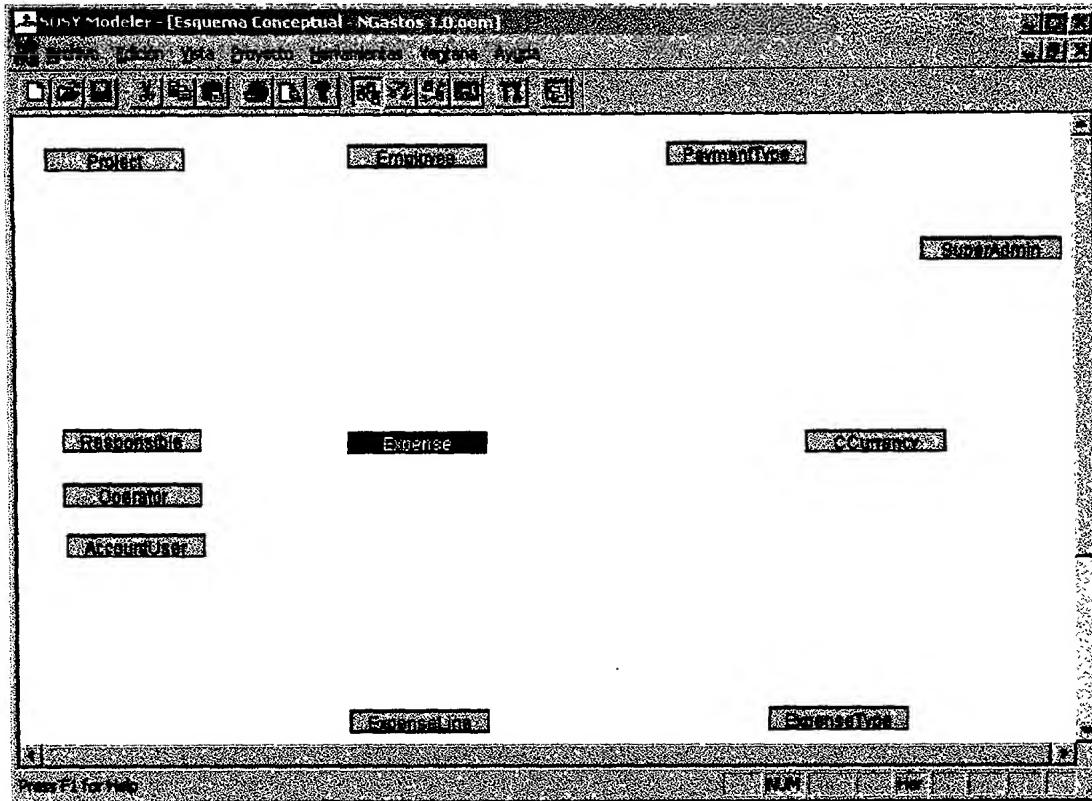


FIG. 8



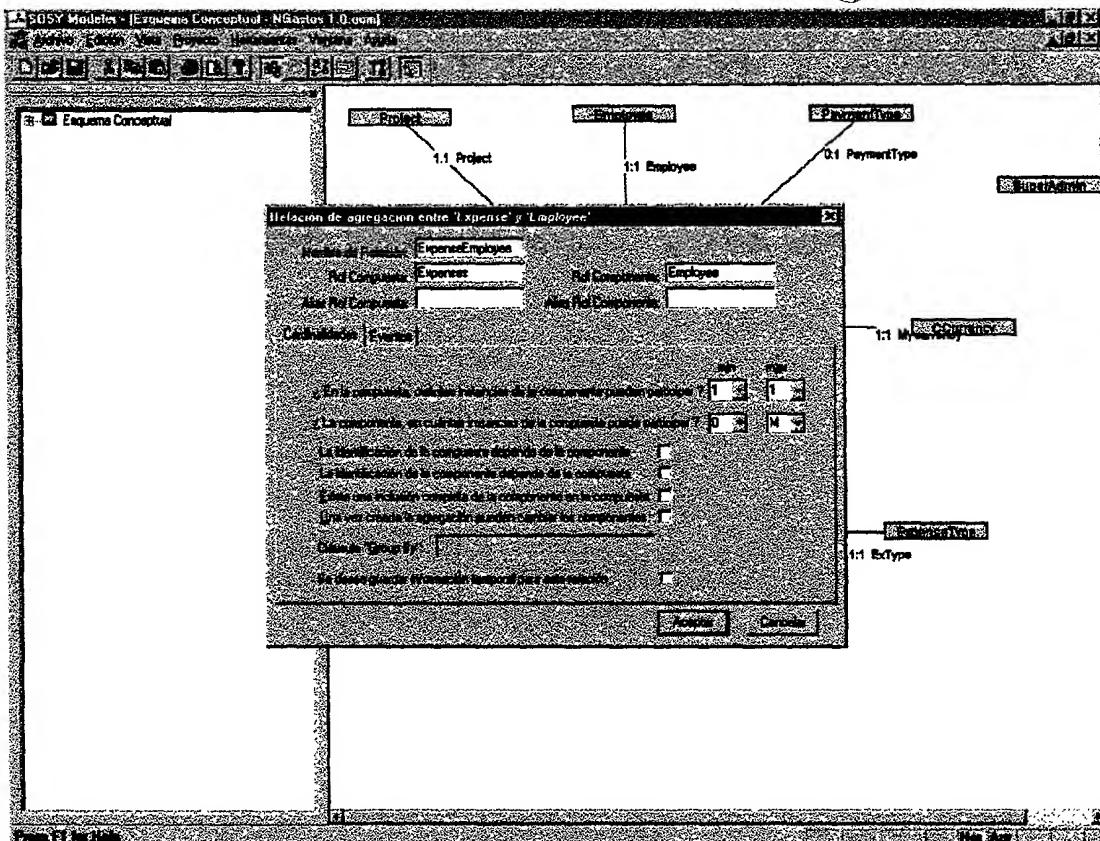
class creation dialog

FIG. 9A



DIALOG SHOWING ALL CLASSES NEEDED & CREATED  
IN EXPENSE MANAGEMENT SYSTEM

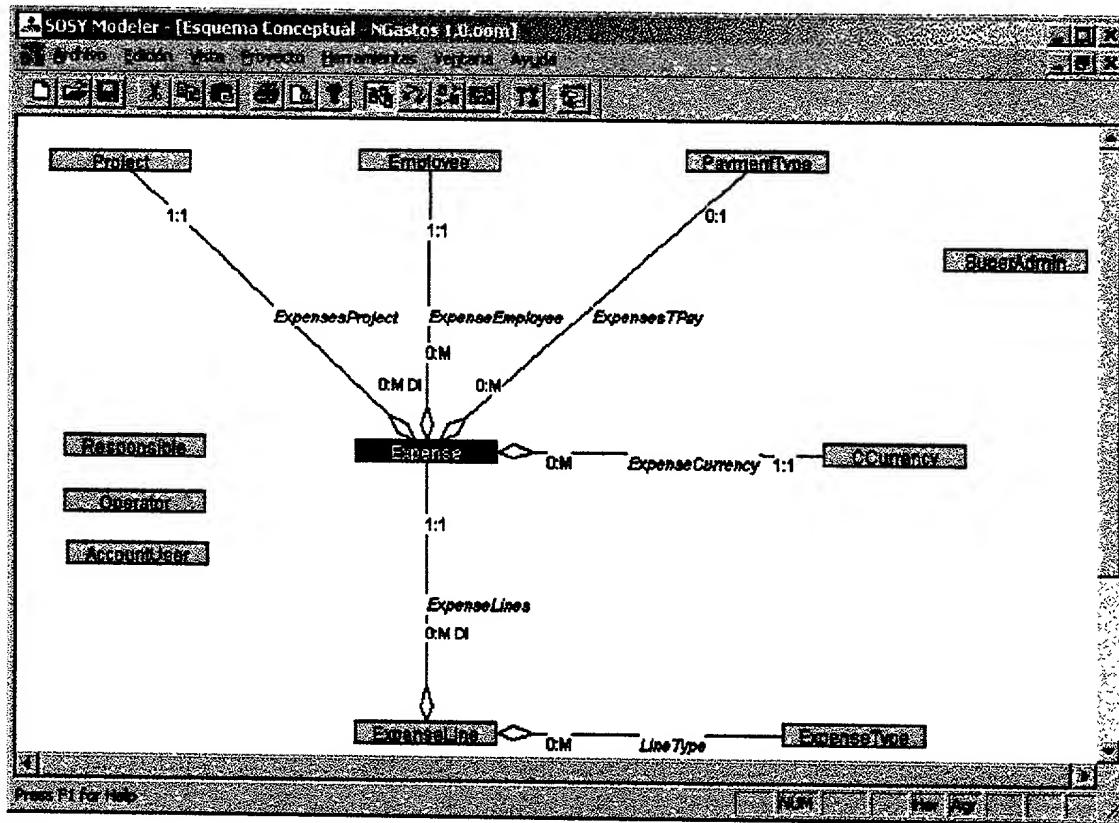
FIG. 9B



dialog to create and modify relationships between classes

FIG. 9C

figure shows relationships found with all their properties indicated.



GRAPHIC DIALOG TO CREATE  
RELATIONSHIPS BETWEEN CLASSES  
AND GRAPHICALLY SHOW THE  
RELATIONSHIPS SO CREATED

FIG. 10

Clase: Expense

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**Atributos**

NOMBRE	TIPO ATRIBUTO	TIPO DATO	VALOR	CONDICIÓN	ESTADO DE CARGA	NOTAS
PresentDate	Constante	Date		today()	Sí	No
Status	Variable	Int	0	No	No	
Cause	Variable	String	255	Sí	No	
AuthoDate	Variable	Date		NULL	No	Sí
AuthoComments	Variable	String	255	NULL	No	Sí
PaymentDate	Variable	Date		NULL	No	Sí
PayComments	Variable	String	255	No	Sí	
TotExpenses	Derivado	Real				
TotExpensesCur	Derivado	Real				
Advances	Variable	Real	0	Sí	No	
AdvancesCur	Derivado	Real				
Exchange	Variable	Real		No	Sí	
Balance	Derivado	Real				
BalanceCur	Derivado	Real				

**Notas:**  Descripción /  Fecha /  Nota

Información Temporal  Notas >>

**Almacén**

**Observaciones:**

(A)

Clase: Expense

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**Almacén**

**Balances**

**Fórmulas de Desarrollo**

Condición	Fórmula
	TotExpenses - Advances

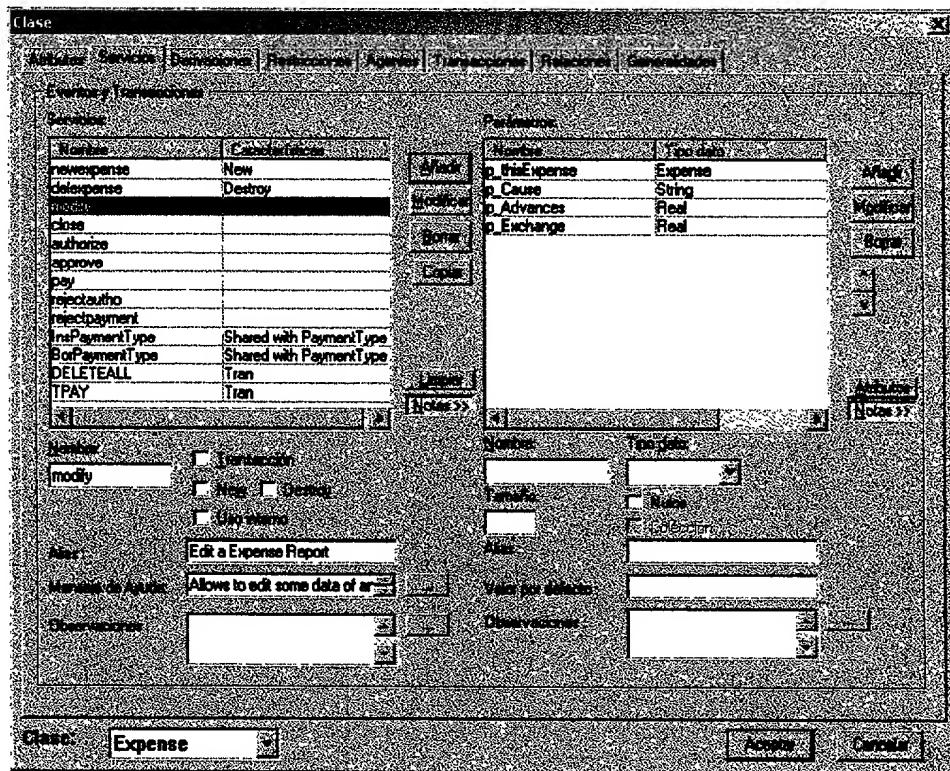
**Condición**

**Fórmula**

**Observaciones:**

(B)

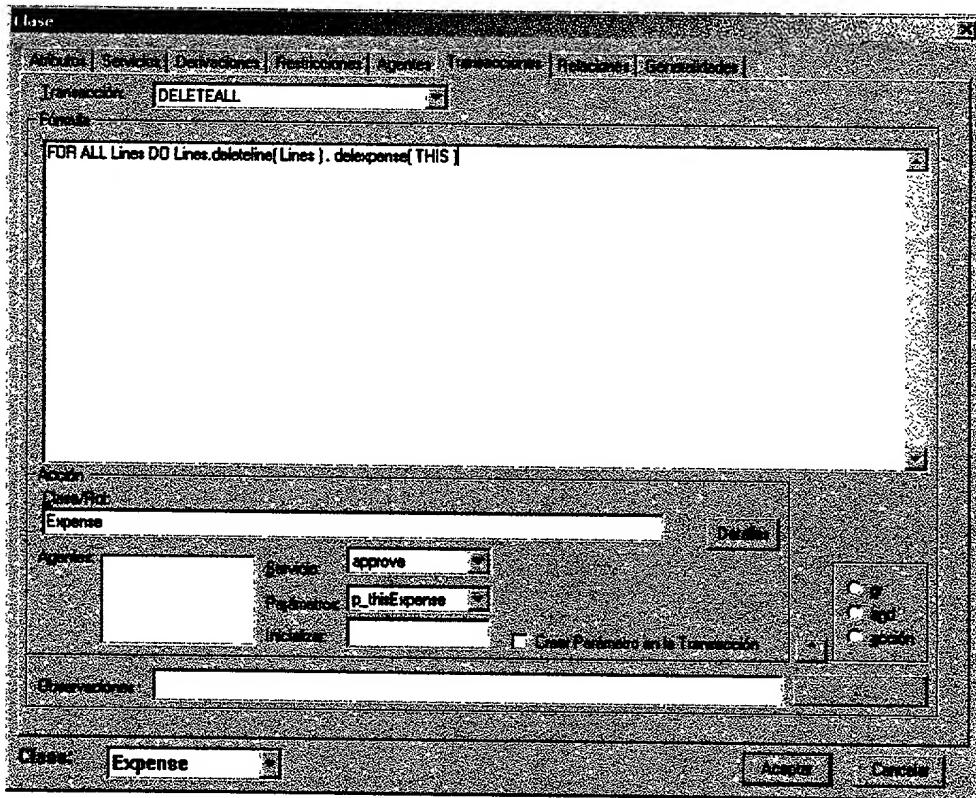
FIG. 11



SERVICES OF CLASS "EXPENSE"

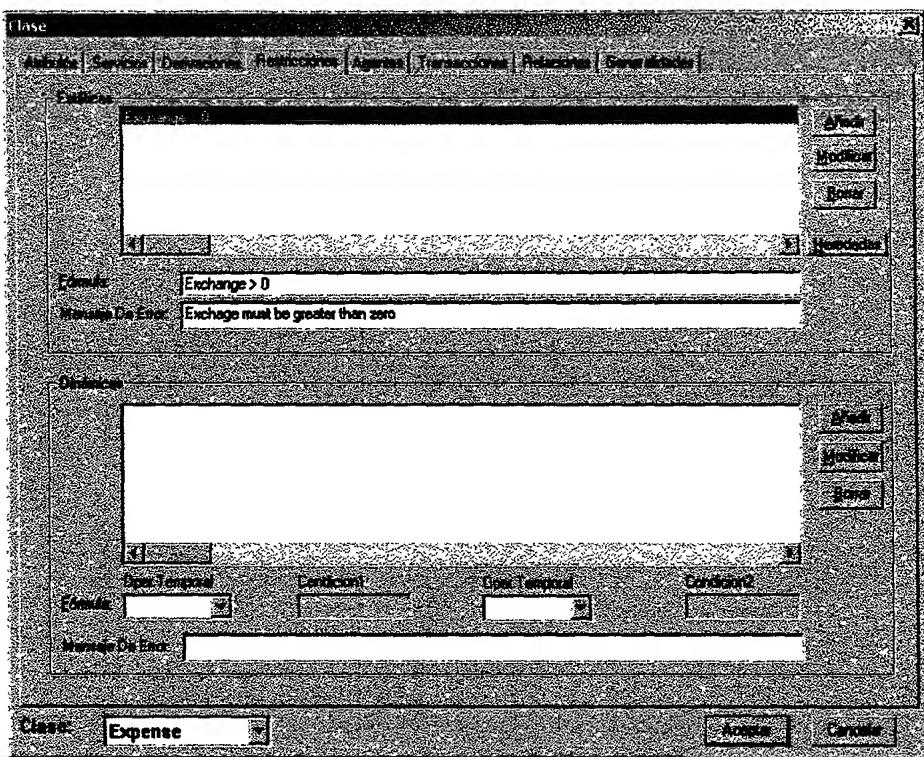
FIG. 12

*Next figure shows the formula for the "DELETEALL" transaction:*



DIALOG TO DEFINE FORMULA FOR "DELETEALL"  
TRANSACTION

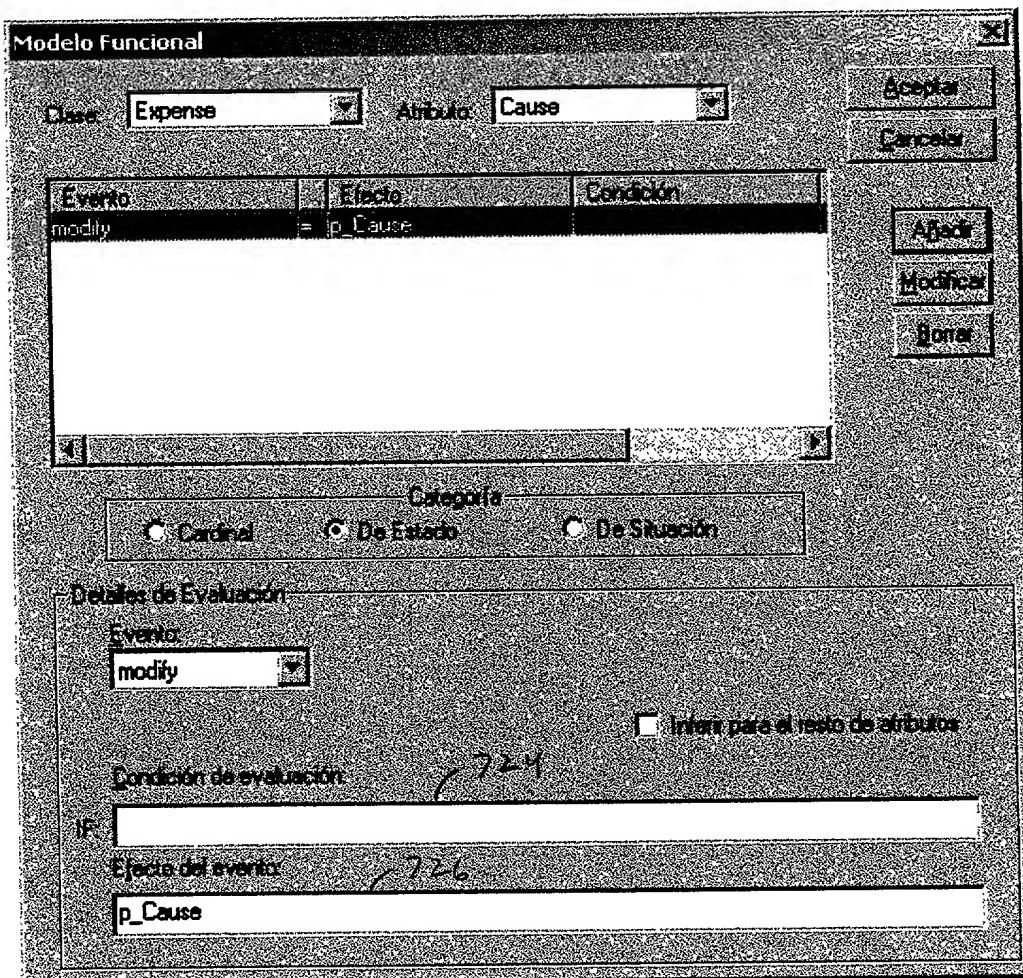
FIG. 13



INTEGRITY CONSTRAINTS OF EXPENSE CLASS

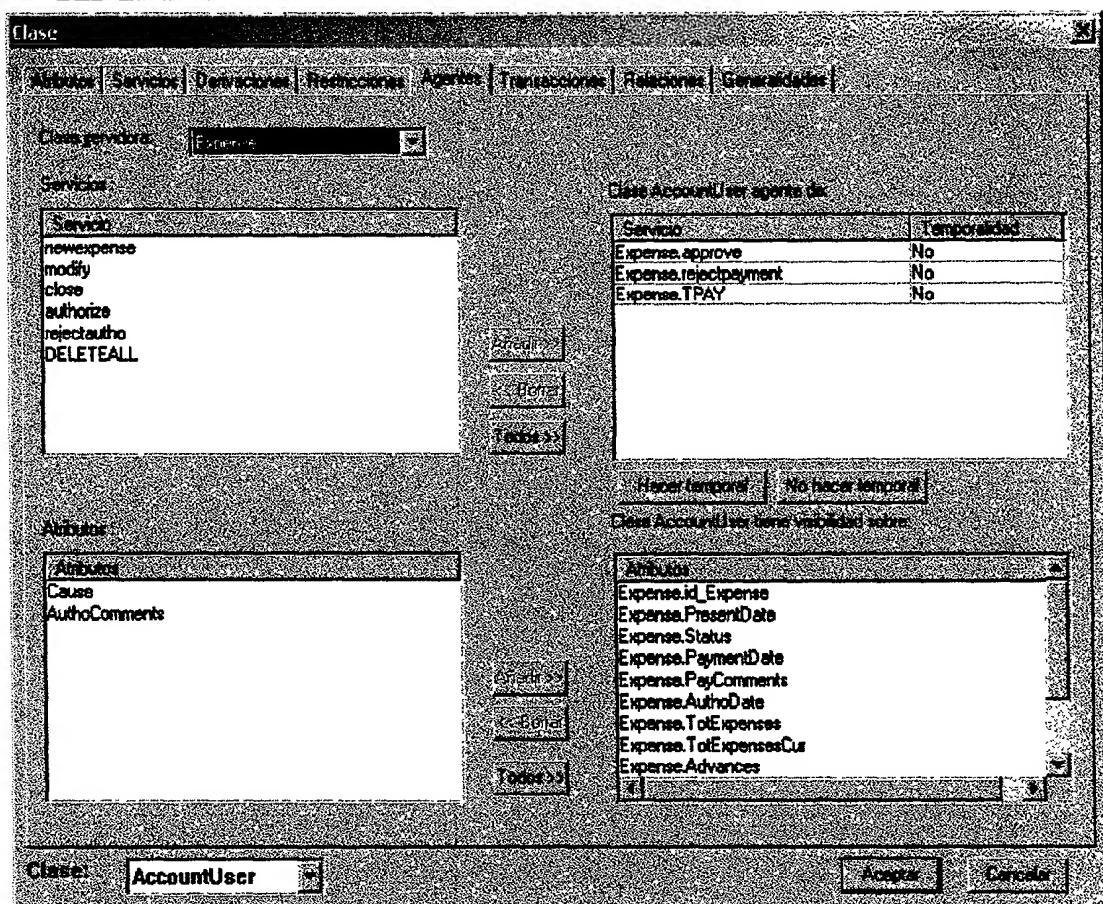
FIG. 14

The value of the attribute "Cause" will be loaded with the value of the argument "p\_Cause" of the event "modify" when "modify" was executed.



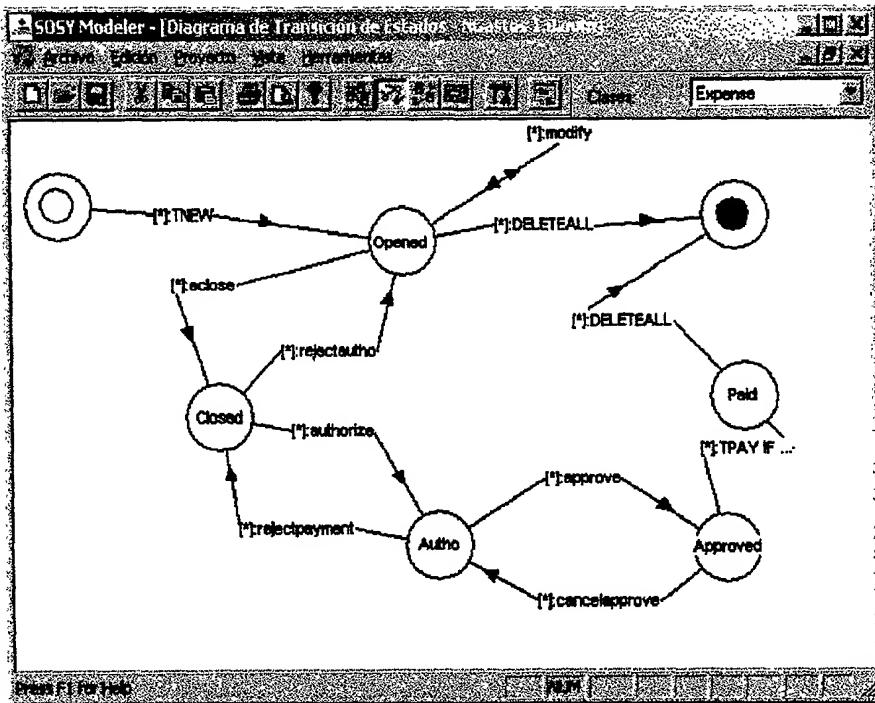
DIALOG BOX TO CREATE EVALUATION OF  
"CAUSE" ATTRIBUTE WITH THE  
"MODIFY" EVENT TO FORM PART OF  
FUNCTIONAL MODEL

FIG. 15



AGENT RELATIONSHIP DIALOG THAT CAN BE  
USED TO SET WHICH SERVICES "ACCOUNT USE"  
CAN ACCESS AND VISIBILITY OF CLASS  
ATTRIBUTES FOR THIS USER

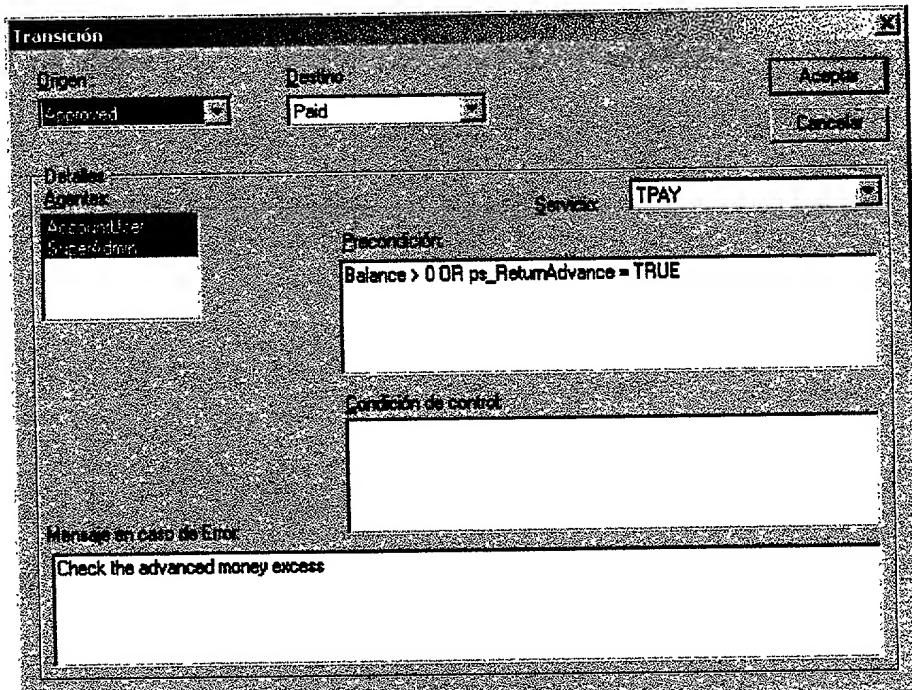
FIG. 16



STATE TRANSITION DIAGRAM FOR CLASS "EXPENSE"

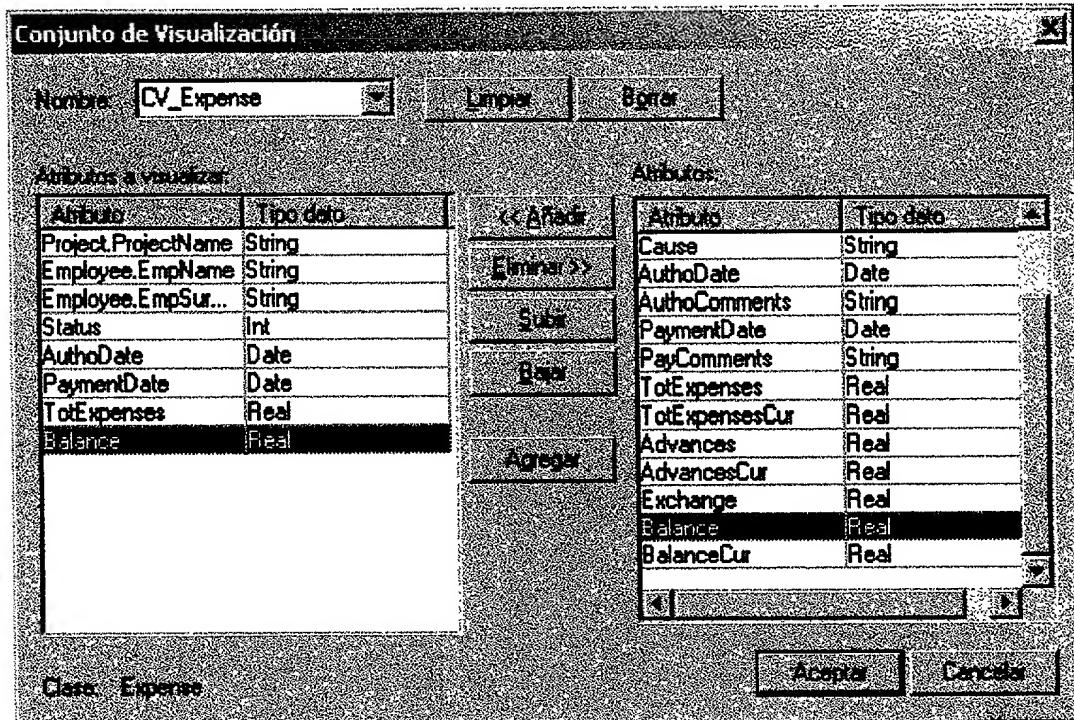
FIG. 17

*According to last paragraph of Procedure, if the Advances are greater than total expenses, the system must force the confirmation of the account user. It is expressed as a precondition in the "TPAY" transaction. Next figure shows it.*



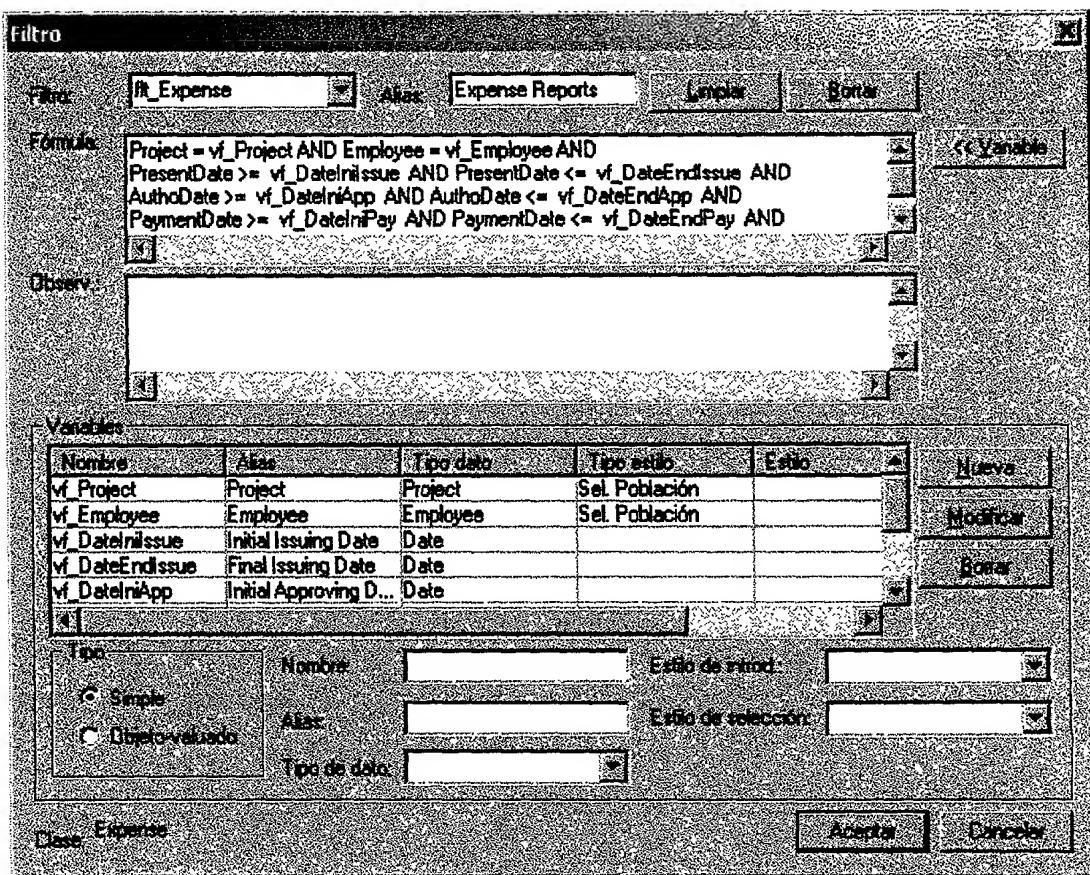
DIALOG BOX TO MODEL PRECONDITION

FIG. 18



DIALOG BOX USED BY SOSY MODELER  
 TO ESTABLISH A SET OF ATTRIBUTES  
 TO BE DISPLAYED FOR THE "EXPENSE" CLASS

FIG. 19



DIALOG BOX USED BY SOSY MODELER  
 TO ESTABLISH THE SEARCHING CRITERIA  
 FOR THE EXPENSE CLASS AND TO ESTABLISH  
 THE FILTER FORMULA <sup>TO USE</sup> AND THE VARIABLES  
 TO REQUEST THE USER TO ENTER

FIG. 20

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES IN THE DOCUMENTATION  
GENERATOR TRANSLATOR SUBGENUS WILL PERFORM

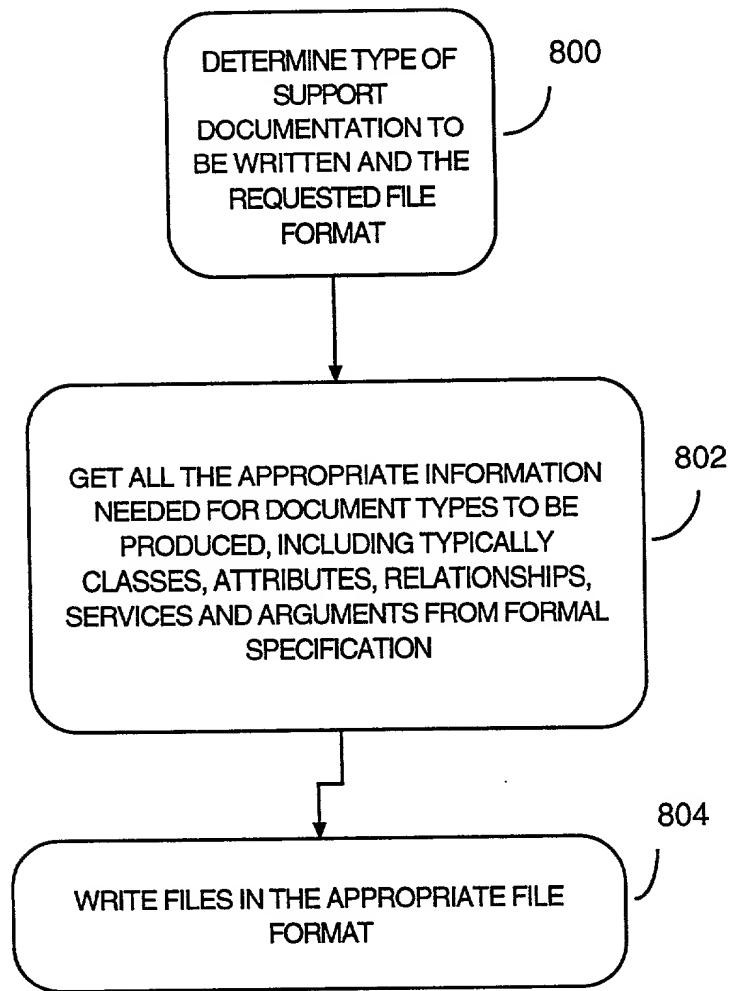


FIG. 21

